

FIG. 1 is a schematic diagram of a laser system 100. The system includes a laser beam 30 that is directed through a series of optical components. The beam passes through a lens 20, a mirror 22, and a lens 26. It then reaches a beam splitter 40', which splits the beam into two paths. One path goes through a lens 16 and a mirror 14, while the other path goes through a lens 15 and a mirror 13. The beams are then recombined and pass through a lens 19a and a mirror 19b. The final output is a laser beam 32. A Z-axis is indicated at the bottom left.

FIG. 3A

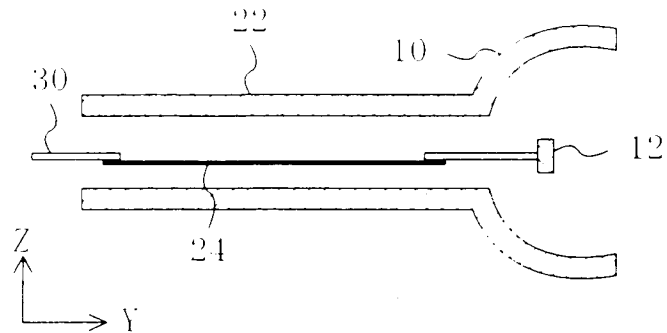


FIG. 3B

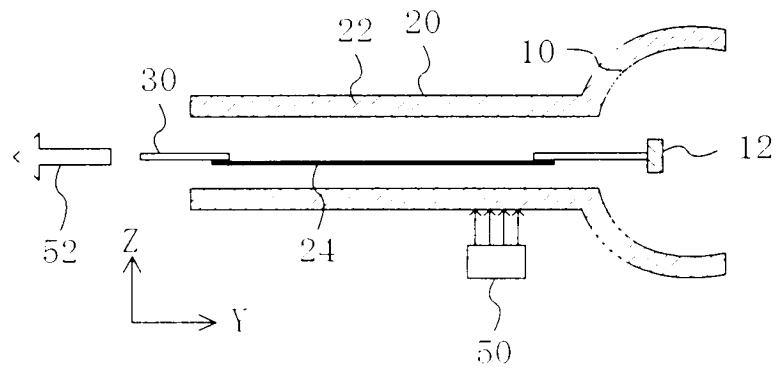
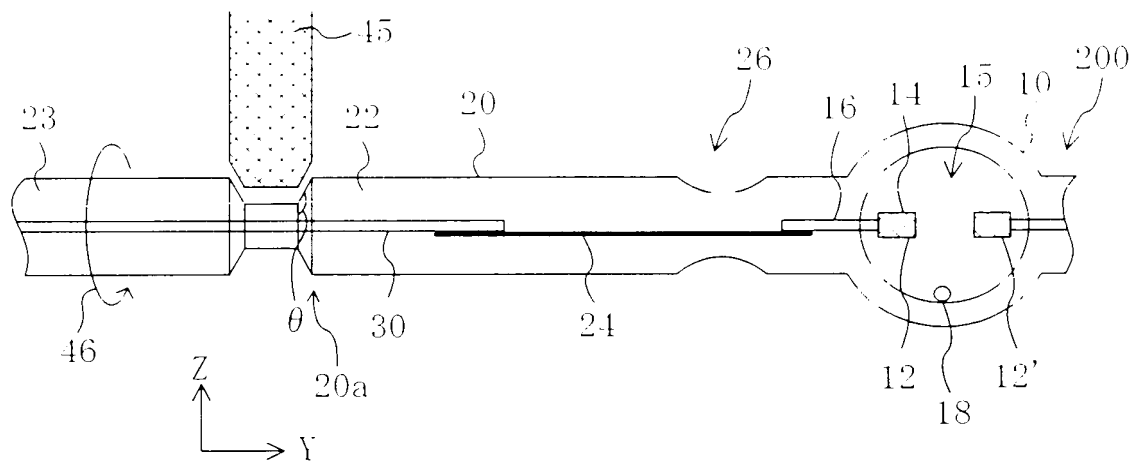


FIG. 4



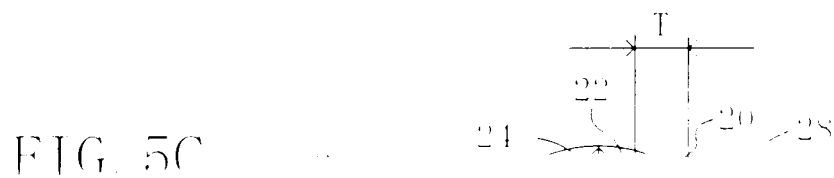
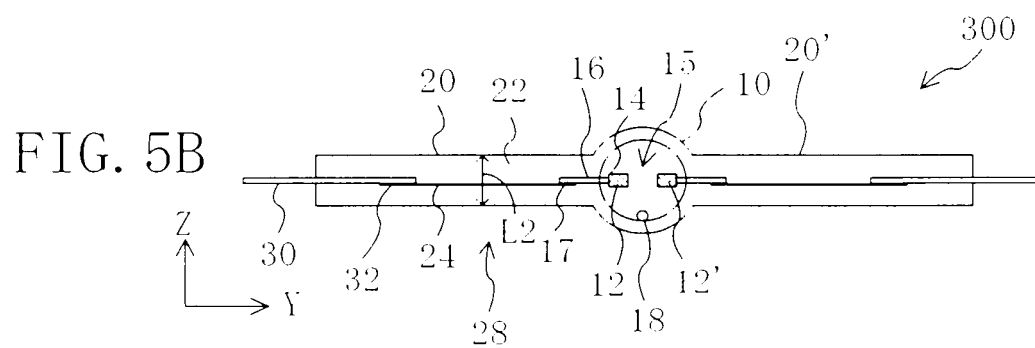
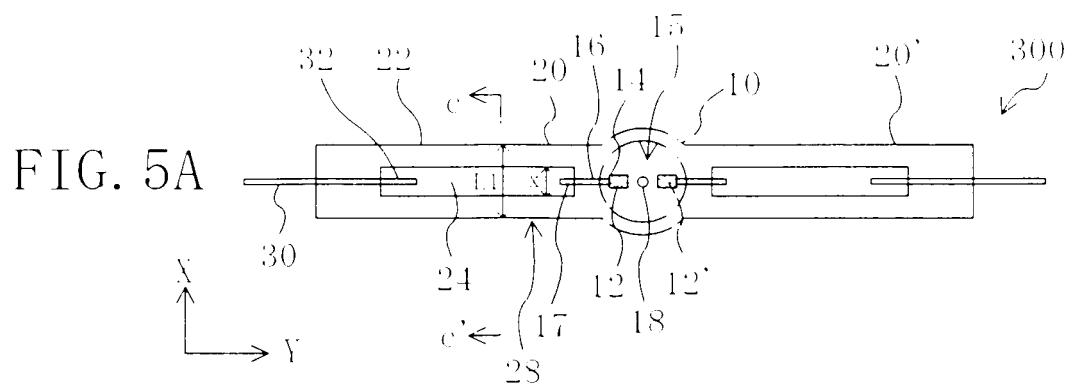


FIG. 6

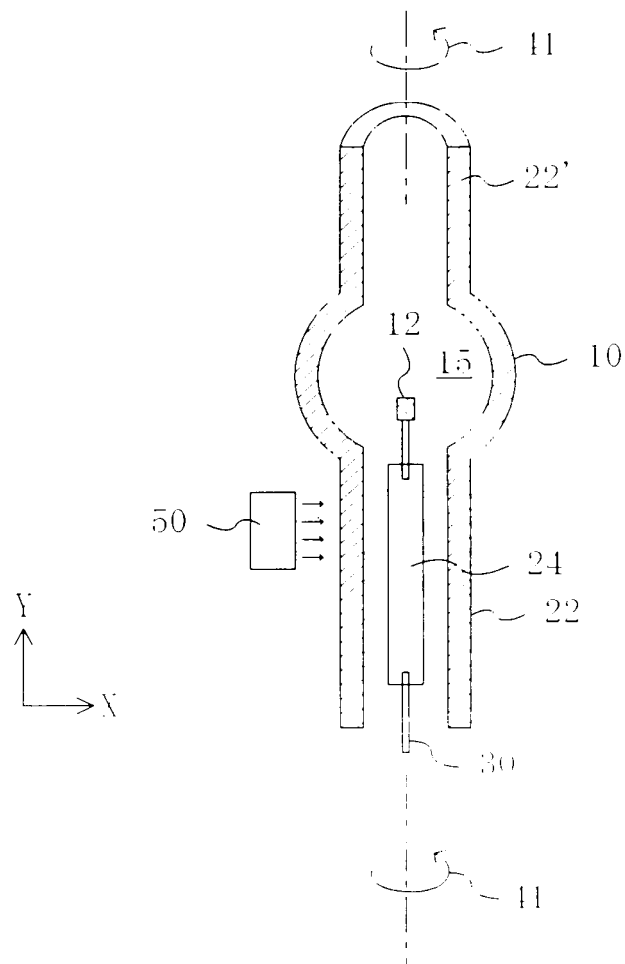


FIG. 7

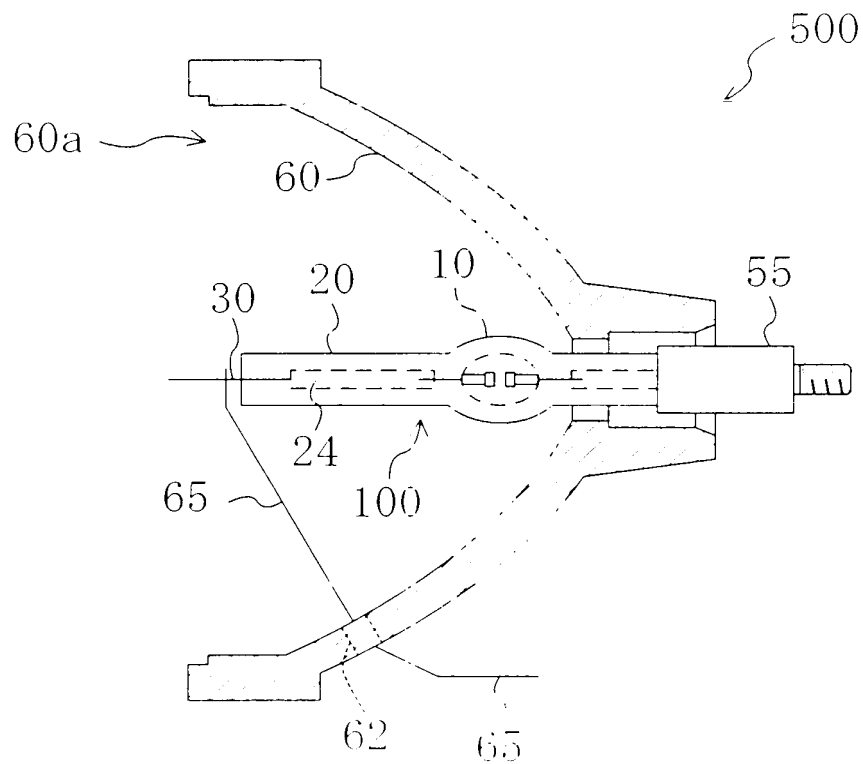


FIG. 8A

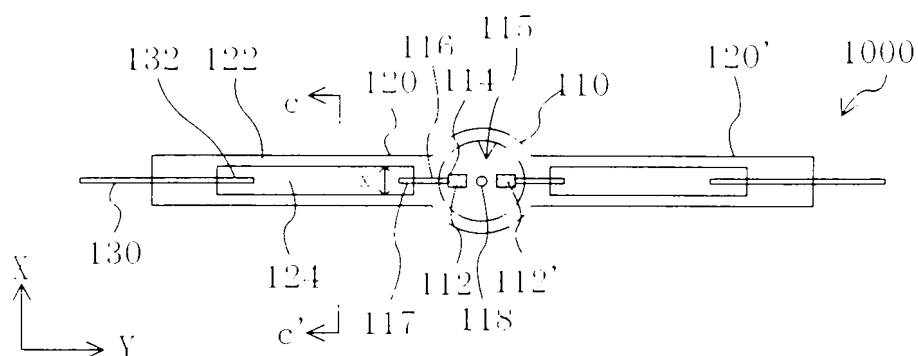


FIG. 8B

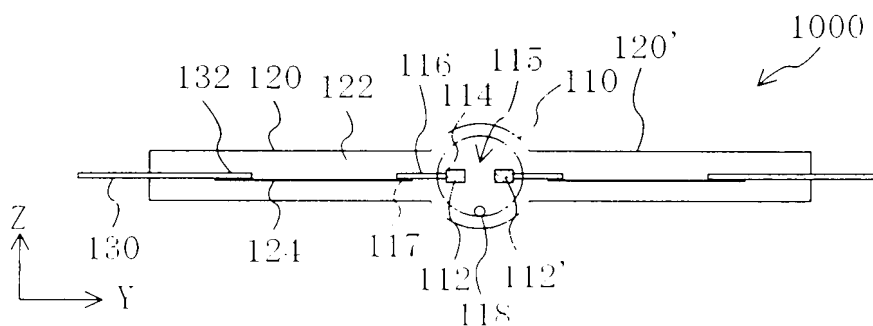


FIG. 8C



FIG. 9A

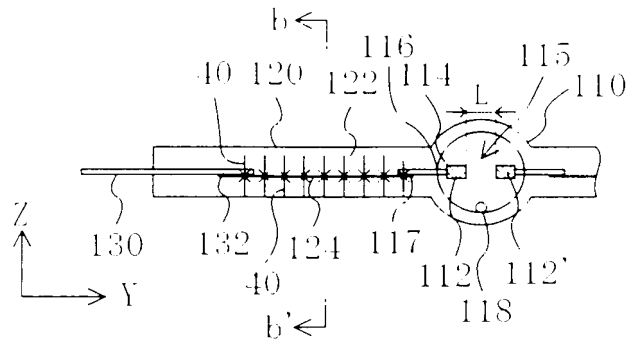


FIG. 9B

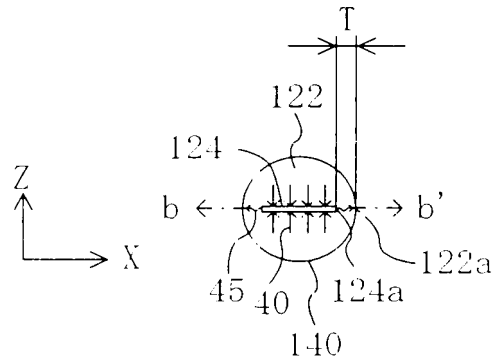


FIG. 9C

